

# Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2019

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# **Abstracts**

Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2019

#### **SUMMARY**

According to the recently published report 'Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2019'; Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subupe 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) pipeline Target constitutes close to 12 molecules.

Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) - Glutamate receptor subunit epsilon-2 or N-methyl D-aspartate receptor subtype 2B (NMDAR2B or NR2B) is a protein encoded by the GRIN2B gene. It is mediated by glycine. It acts as a central mediator for stroke damage. Its phosphorylation at Ser-1303 by DAPK1 enhances synaptic NMDA receptor channel activity inducing injurious Ca2+ influx through them resulting in an irreversible neuronal death.

The report 'Glutamate Receptor Ionotropic NMDA 2B - Pipeline Review, H2 2019' outlays comprehensive information on the Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics, complete with analysis by indications, stage of development, mechanism of action (MoA), route of administration (RoA) and molecule type; that are being developed by Companies/Universities.



It also reviews key players involved in Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics development with respective active and dormant or discontinued projects. Currently, The molecules developed by companies in Phase II, Phase I, Preclinical and Unknown stages are 3, 1, 7 and 1 respectively. Report covers products from therapy areas Central Nervous System, Cardiovascular, Dermatology, Gastrointestinal and Respiratory which include indications Treatment Resistant Depression, Acute Ischemic Stroke, Autism, Burns, Cardiac Arrest, Cognitive Impairment Associated With Schizophrenia (CIAS), Crohn's Disease (Regional Enteritis), Idiopathic Pulmonary Fibrosis, Ischemic Stroke, Major Depressive Disorder, Myocardial Infarction, Neurodegenerative Diseases, Neuropathic Pain (Neuralgia), Obsessive-Compulsive Disorder, Orthostatic Hypotension, Pain, Subarachnoid Hemorrhage, Traumatic Brain Injury, Traumatic Spinal Cord Injury and Ulcerative Colitis.

**Note:** Certain content/sections in the pipeline guide may be removed or altered based on the availability and relevance of data.

#### SCOPE

The report provides a snapshot of the global therapeutic landscape for Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B)

The report reviews Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics under development by companies and universities/research institutes based on information derived from company and industry-specific sources

The report covers pipeline products based on various stages of development ranging from pre-registration till discovery and undisclosed stages

The report features descriptive drug profiles for the pipeline products which includes, product description, descriptive MoA, R&D brief, licensing and collaboration details & other developmental activities



The report reviews key players involved in Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics and enlists all their major and minor projects

The report assesses Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics based on mechanism of action (MoA), route of administration (RoA) and molecule type

The report summarizes all the dormant and discontinued pipeline projects

The report reviews latest news and deals related to Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) targeted therapeutics

#### **REASONS TO BUY**

Gain strategically significant competitor information, analysis, and insights to formulate effective R&D strategies

Identify emerging players with potentially strong product portfolio and create effective counter-strategies to gain competitive advantage

Identify and understand the targeted therapy areas and indications for Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B)

Identify the use of drugs for target identification and drug repurposing

Identify potential new clients or partners in the target demographic

Develop strategic initiatives by understanding the focus areas of leading companies



Plan mergers and acquisitions effectively by identifying key players and it's most promising pipeline therapeutics

Devise corrective measures for pipeline projects by understanding Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor Subunit 3 or GRIN2B) development landscape

Develop and design in-licensing and out-licensing strategies by identifying prospective partners with the most attractive projects to enhance and expand business potential and scope



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Cadent Therapeutics Inc

Cerecor Inc

Johnson & Johnson

NeurOp Inc

Novartis AG

Shionogi & Co Ltd

Glutamate Receptor Ionotropic NMDA 2B (Glutamate [NMDA] Receptor Subunit Epsilon 2 or N Methyl D Aspartate Receptor Subtype 2B or N Methyl D Aspartate Receptor

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**Product Description** 



Mechanism Of Action

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ifenprodil - Drug Profile

**Product Description** 

Mechanism Of Action

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**Product Description** 

Mechanism Of Action

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#### **COMPANIES MENTIONED**

Bristol-Myers Squibb Co Cadent Therapeutics Inc Cerecor Inc Johnson & Johnson NeurOp Inc Novartis AG Shionogi & Co Ltd



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